

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/529,348
Source: PCT
Date Processed by STIC: 2/24/06

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PCT

RAW SEQUENCE LISTING

DATE: 02/24/2006

PATENT APPLICATION: US/10/529,348

TIME: 12:42:31

Input Set : N:\jumbos\10529348.txt

Output Set: N:\CRF4\02242006\J529348.raw

3 <110> APPLICANT: Bodary-Winter, Sarah
 4 Clark, Hilary
 5 Jackman, Janet
 6 Schoenfeld, Jill
 7 Williams, P. Mickey
 8 Wood, William I.
 9 Wu, Thomas D.
 11 <120> TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR THE TREATMENT OF
 PSORIASIS

13 <130> FILE REFERENCE: P1987R1-US
 15 <140> CURRENT APPLICATION NUMBER: US 10/529,348
 16 <141> CURRENT FILING DATE: 2005-03-25
 18 <150> PRIOR APPLICATION NUMBER: PCT/US03/030907
 19 <151> PRIOR FILING DATE: 2003-09-25
 21 <150> PRIOR APPLICATION NUMBER: US 60/414,006
 22 <151> PRIOR FILING DATE: 2002-09-25
 24 <160> NUMBER OF SEQ ID NOS: 2484
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 2005
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Homo sapien-
 31 <400> SEQUENCE: 1

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 34 agtttttctg acagttttcg ccaccatgag tcgcagctat aatgatgagc 100
 36 tgcagttctt ggagaagatc aataaaaact gctggaggat caagaagggc 150
 38 ttcgtgcccc acatgcaggt tgaagggtgt ttctatgtga atgatgctct 200
 40 ggagaaattg atgtttgagg aattaaggaa tgcctgtcga ggtggtggtg 250
 42 ttggtggctt cctgccagcc atgaaacaga ttggcaatgt ggcagccctg 300
 44 cctggaattg ttcacgatc tattgggctt cctgatgtcc attcaggata 350
 46 tgggtttgct attgggaaca tggcagcctt tgatataaat gaccctgaag 400
 48 cagtagtacc cccagggtgg gtcgggtttg acatcaactg tgggtgtccg 450
 50 ttgctaagaa ccaattttaga tgaaagtgat gtccagcctg tgaaggagca 500
 52 acttgcccaa gctatgtttg accacattcc tgttggggtg gggcctaaaag 550
 54 gtgtcatccc aatgaatgcc aaagacttgg aggaggcctt ggagatgggg 600
 56 gtggactggg ccttaagaga agggatgcc tgggctgaag acaaggagca 650
 58 ctgcgaggag tacggaagga tgctgcaggc tgaccccaat aaagtctctg 700
 60 caagggcgaa gaaaagaggc cttcctcagt tggggaccct gggagcaggc 750
 62 aaccattatg cagaaatcca ggttgtggat gagattttca atgagtatgc 800
 64 tgctaaaaaa atgggcatcg accataaggg acagggtgtg gtgatgatcc 850
 66 acagtggagg cagaggcttg ggccaccaag tagccacaga tgcgctggta 900
 68 gctatggaga aggccatgaa gagagacaag attatagtca atgatcgga 950
 70 gttggcttgt gctcgaatcg cttccccaga gggcctaaag tatctgaagg 1000
 72 gaatggcagc tgctgggaac tatgcctggg tcaaccgctc ttccatgacc 1050
 74 ttcttaaccc gtcaggcttt cgccaaggct ttcaacacaa cccctgatga 1100

(Pg. 6-7)

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Input Set : N:\jumbos\10529348.txt

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76 cttggaccta catgtgatct atgatgtttc tcacaacatt gccaaagtgg 1150
78 agcagcatgt ggtggacgga aaggaacgga cactgttagt acacaggaag 1200
80 ggatccaccc gcgctttccc tcctcaccat cccctcattg ctgttgatta 1250
82 ccaactcact ggacagccag tgctcattgg tggcaccatg ggaacctgta 1300
84 gttatgttct tactggcact gaacagggca tgactgagac ctttggaaaca 1350
86 acctgtcatg gagcggggccg tgcattgtcc cgagcaaaat ctcgacgtaa 1400
88 tttagatttc caggatgtct tagacaaatt ggcagatatg ggaattgcga 1450
90 tccgtgttgc ctcacccaaa ctggttatgg aagaggctcc tgagtcctat 1500
92 aagaatgtga cagatgtggt aaatacctgc catgatgctg gaatcagcaa 1550
94 gaaagccatt aaactgagac caattgctgt gatcaaagga tagaaccttg 1600
96 gacagcaggg ctgcctgaca ccaccaaccc tctctgaagt ggaagtggac 1650
98 tgacatgctc ttctgacatc agactcaagg cgggacaagt tgcaaagtgt 1700
100 gcagctgtaa ctgctcacgc caaaatggct gatggggagg ctgctgcttt 1750
102 caggggcccc tgcttgtaaa ataaccttcc aggaagaggc acattgcccc 1800
104 ctttggaaa gggaggaata tgccttctcc ttggttgctt cacagagttt 1850
106 taggaaaatc tgtagggat gggtagatgt caaactgcct tacgcagtca 1900
108 tactgatctt tagccatcag attgatcttc ttcacaccaa gctctgttta 1950
110 cattccgaga ggtgtcatga agaaagtctt gttcaataag gttttggaat 2000
112 gtttc 2005

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114 <210> SEQ ID NO: 2

115 <211> LENGTH: 505

116 <212> TYPE: PRT

117 <213> ORGANISM: Homo sapien

119 <400> SEQUENCE: 2

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120 Met Ser Arg Ser Tyr Asn Asp Glu Leu Gln Phe Leu Glu Lys Ile
121 1 5 10 15
123 Asn Lys Asn Cys Trp Arg Ile Lys Lys Gly Phe Val Pro Asn Met
124 20 25 30
126 Gln Val Glu Gly Val Phe Tyr Val Asn Asp Ala Leu Glu Lys Leu
127 35 40 45
129 Met Phe Glu Glu Leu Arg Asn Ala Cys Arg Gly Gly Gly Val Gly
130 50 55 60
132 Gly Phe Leu Pro Ala Met Lys Gln Ile Gly Asn Val Ala Ala Leu
133 65 70 75
135 Pro Gly Ile Val His Arg Ser Ile Gly Leu Pro Asp Val His Ser
136 80 85 90
138 Gly Tyr Gly Phe Ala Ile Gly Asn Met Ala Ala Phe Asp Met Asn
139 95 100 105
141 Asp Pro Glu Ala Val Val Ser Pro Gly Gly Val Gly Phe Asp Ile
142 110 115 120
144 Asn Cys Gly Val Arg Leu Leu Arg Thr Asn Leu Asp Glu Ser Asp
145 125 130 135
147 Val Gln Pro Val Lys Glu Gln Leu Ala Gln Ala Met Phe Asp His
148 140 145 150
150 Ile Pro Val Gly Val Gly Ser Lys Gly Val Ile Pro Met Asn Ala
151 155 160 165
153 Lys Asp Leu Glu Glu Ala Leu Glu Met Gly Val Asp Trp Ser Leu
154 170 175 180
156 Arg Glu Gly Tyr Ala Trp Ala Glu Asp Lys Glu His Cys Glu Glu

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157          185          190          195
159 Tyr Gly Arg Met Leu Gln Ala Asp Pro Asn Lys Val Ser Ala Arg
160          200          205          210
162 Ala Lys Lys Arg Gly Leu Pro Gln Leu Gly Thr Leu Gly Ala Gly
163          215          220          225
165 Asn His Tyr Ala Glu Ile Gln Val Val Asp Glu Ile Phe Asn Glu
166          230          235          240
168 Tyr Ala Ala Lys Lys Met Gly Ile Asp His Lys Gly Gln Val Cys
169          245          250          255
171 Val Met Ile His Ser Gly Ser Arg Gly Leu Gly His Gln Val Ala
172          260          265          270
174 Thr Asp Ala Leu Val Ala Met Glu Lys Ala Met Lys Arg Asp Lys
175          275          280          285
177 Ile Ile Val Asn Asp Arg Gln Leu Ala Cys Ala Arg Ile Ala Ser
178          290          295          300
180 Pro Glu Gly Gln Asp Tyr Leu Lys Gly Met Ala Ala Ala Gly Asn
181          305          310          315
183 Tyr Ala Trp Val Asn Arg Ser Ser Met Thr Phe Leu Thr Arg Gln
184          320          325          330
186 Ala Phe Ala Lys Val Phe Asn Thr Thr Pro Asp Asp Leu Asp Leu
187          335          340          345
189 His Val Ile Tyr Asp Val Ser His Asn Ile Ala Lys Val Glu Gln
190          350          355          360
192 His Val Val Asp Gly Lys Glu Arg Thr Leu Leu Val His Arg Lys
193          365          370          375
195 Gly Ser Thr Arg Ala Phe Pro Pro His His Pro Leu Ile Ala Val
196          380          385          390
198 Asp Tyr Gln Leu Thr Gly Gln Pro Val Leu Ile Gly Gly Thr Met
199          395          400          405
201 Gly Thr Cys Ser Tyr Val Leu Thr Gly Thr Glu Gln Gly Met Thr
202          410          415          420
204 Glu Thr Phe Gly Thr Thr Cys His Gly Ala Gly Arg Ala Leu Ser
205          425          430          435
207 Arg Ala Lys Ser Arg Arg Asn Leu Asp Phe Gln Asp Val Leu Asp
208          440          445          450
210 Lys Leu Ala Asp Met Gly Ile Ala Ile Arg Val Ala Ser Pro Lys
211          455          460          465
213 Leu Val Met Glu Glu Ala Pro Glu Ser Tyr Lys Asn Val Thr Asp
214          470          475          480
216 Val Val Asn Thr Cys His Asp Ala Gly Ile Ser Lys Lys Ala Ile
217          485          490          495
219 Lys Leu Arg Pro Ile Ala Val Ile Lys Gly
220          500          505
222 <210> SEQ ID NO: 3
223 <211> LENGTH: 1552
224 <212> TYPE: DNA
225 <213> ORGANISM: Homo sapien
227 <400> SEQUENCE: 3
228  cggttggtgc  ggctccatt  gttcgtgttt  taaggcgcca  tgaggggtga  50

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230 cagaggccgt ggtcgtggtg ggcgcttttg ttccagagga ggcccaggag 100
232 gagggttcag gcccttttga ccacatatcc catttgactt ctatttgtgt 150
234 gaaatggcct ttccccgggt caagccagca cctgatgaaa cttccttcag 200
236 tgaggccttg ctgaagagga atcaggacct ggctcccaat tctgctgaac 250
238 aggcattctat cttttctctg gtgacaaaaa taaacaatgt gattgataat 300
240 ctgattgttg ctccaggacg atttgaagtg caaattgaag aagttcgaca 350
242 ggtgggatcc tataaaaagg ggacaatgac tacaggacac aatgtggctg 400
244 acctggtggt gatactcaag attctgccaa cgttggaagc tgttgctgcc 450
246 ctggggaaca aagtcgtgga aagcctaaga gcacaggatc cttctgaagt 500
248 ttttaaccatg ctgaccaacg aaactggctt tgaaatcagt tcttctgatg 550
250 ctacagtga gattctcatt acaacagtgc caccaatct tcgaaaactg 600
252 gatccagaac tccatttggg tatcaaagta ttgcagagtg ccttagcagc 650
254 catccgacat gcccgctggt tcgaggaaaa tgcttctcag tccacagtta 700
256 aagttctcat cagactactg aaggacttga ggattcgttt tcctggcttt 750
258 gagccccctc caccctggat ccttgacctg ctaggccatt atgctgtgat 800
260 gaacaacccc accagacagc ctttggccct aaacgttgca tacaggcgct 850
262 gcttgacgat tctggctgca ggactgttcc tgccagggtc agtgggtatc 900
264 actgaccctt gtgagagtgg caactttaga gtacacacag tcatgaccct 950
266 agaacagcag gacatggtct gctatacagc tcagactctc gtccgaatcc 1000
268 tctcacatgg tggctttagg aagatccttg gccaggaggg tgatgccagc 1050
270 tatcttgctt ctgaaatatc tacctgggat ggagtgatag taacaccttc 1100
272 agaaaaggct tatgagaagc caccagagaa gaaggaagga gaggaagaag 1150
274 aggagaatac agaaagaacc acctcaagga gaggaagaag aaagcatgga 1200
276 aactcaggag tgacattccc ttcactcctt ttcctaccca agggaaagac 1250
278 tggagcctaa gctgcctgct actggcttta catggtgaca gacattccgt 1300
280 ggataggaag atagcaggag aaagtaactc catagagtgt cattccactg 1350
282 gttgatattg gcttagctgc cagtcctcca tttgtgacct atgccatcca 1400
284 tctataatgg aggatccaa catttcttcc taatattcta taatctccaa 1450
286 ctctgaaaaa cccctctctc aactaatact ttgctgttga aatgttgtga 1500
288 aatgttaagt gtctggaaat ttttttttct aagaaaaact attaaagtac 1550
290 tt 1552

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292 <210> SEQ ID NO: 4

293 <211> LENGTH: 406

294 <212> TYPE: PRT

295 <213> ORGANISM: Homo sapien

297 <400> SEQUENCE: 4

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298 Met Arg Gly Asp Arg Gly Arg Gly Arg Gly Gly Arg Phe Gly Ser
299   1           5           10           15
301 Arg Gly Gly Pro Gly Gly Gly Phe Arg Pro Phe Val Pro His Ile
302           20           25           30
304 Pro Phe Asp Phe Tyr Leu Cys Glu Met Ala Phe Pro Arg Val Lys
305           35           40           45
307 Pro Ala Pro Asp Glu Thr Ser Phe Ser Glu Ala Leu Leu Lys Arg
308           50           55           60
310 Asn Gln Asp Leu Ala Pro Asn Ser Ala Glu Gln Ala Ser Ile Leu
311           65           70           75
313 Ser Leu Val Thr Lys Ile Asn Asn Val Ile Asp Asn Leu Ile Val
314           80           85           90
316 Ala Pro Gly Thr Phe Glu Val Gln Ile Glu Glu Val Arg Gln Val

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317          95          100          105
319 Gly Ser Tyr Lys Lys Gly Thr Met Thr Thr Gly His Asn Val Ala
320          110          115          120
322 Asp Leu Val Val Ile Leu Lys Ile Leu Pro Thr Leu Glu Ala Val
323          125          130          135
325 Ala Ala Leu Gly Asn Lys Val Val Glu Ser Leu Arg Ala Gln Asp
326          140          145          150
328 Pro Ser Glu Val Leu Thr Met Leu Thr Asn Glu Thr Gly Phe Glu
329          155          160          165
331 Ile Ser Ser Ser Asp Ala Thr Val Lys Ile Leu Ile Thr Thr Val
332          170          175          180
334 Pro Pro Asn Leu Arg Lys Leu Asp Pro Glu Leu His Leu Asp Ile
335          185          190          195
337 Lys Val Leu Gln Ser Ala Leu Ala Ala Ile Arg His Ala Arg Trp
338          200          205          210
340 Phe Glu Glu Asn Ala Ser Gln Ser Thr Val Lys Val Leu Ile Arg
341          215          220          225
343 Leu Leu Lys Asp Leu Arg Ile Arg Phe Pro Gly Phe Glu Pro Leu
344          230          235          240
346 Thr Pro Trp Ile Leu Asp Leu Leu Gly His Tyr Ala Val Met Asn
347          245          250          255
349 Asn Pro Thr Arg Gln Pro Leu Ala Leu Asn Val Ala Tyr Arg Arg
350          260          265          270
352 Cys Leu Gln Ile Leu Ala Ala Gly Leu Phe Leu Pro Gly Ser Val
353          275          280          285
355 Gly Ile Thr Asp Pro Cys Glu Ser Gly Asn Phe Arg Val His Thr
356          290          295          300
358 Val Met Thr Leu Glu Gln Gln Asp Met Val Cys Tyr Thr Ala Gln
359          305          310          315
361 Thr Leu Val Arg Ile Leu Ser His Gly Gly Phe Arg Lys Ile Leu
362          320          325          330
364 Gly Gln Glu Gly Asp Ala Ser Tyr Leu Ala Ser Glu Ile Ser Thr
365          335          340          345
367 Trp Asp Gly Val Ile Val Thr Pro Ser Glu Lys Ala Tyr Glu Lys
368          350          355          360
370 Pro Pro Glu Lys Lys Glu Gly Glu Glu Glu Glu Glu Asn Thr Glu
371          365          370          375
373 Arg Thr Thr Ser Arg Arg Gly Arg Arg Lys His Gly Asn Ser Gly
374          380          385          390
376 Val Thr Phe Pro Ser Leu Leu Phe Leu Pro Lys Gly Lys Thr Gly
377          395          400          405
379 Ala
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383 <211> LENGTH: 2116
384 <212> TYPE: DNA
385 <213> ORGANISM: Homo sapien
387 <400> SEQUENCE: 5
388 cggttctcca agcaccacgc atcctgctag acgcgccgcg caccgacgga 50
390 ggggacatgg gcagagcaat ggtggccagg ctggggctgg ggctgctgct 100

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:19; N Pos. 2966,2967,2968,2969,2970,2971,2972 ✓
Seq#:27; N Pos. 7758,7759,7760,7761,7762,7763,7764,7765,7766,7767,7768,7769
Seq#:27; N Pos. 7770,7771,7772,7773,7774,7775,7776
Seq#:48; Xaa Pos. 12
Seq#:83; N Pos. 2236,2238,2738
Seq#:113; N Pos. 23,27,80,120
Seq#:119; Xaa Pos. 73
Seq#:184; N Pos. 3847
Seq#:276; Xaa Pos. 106
Seq#:374; Xaa Pos. 133,266
Seq#:391; N Pos. 2519,2520,2521,2522,2523,2524,2525,2526,2527,2528,2529
Seq#:391; N Pos. 2530,2531,2532,2533,2534,2535,2536,2537,2538,2539,2540
Seq#:391; N Pos. 2541,2542,2543,2544,2545,2546,2547,2548,2549,2550,2551
Seq#:391; N Pos. 2552,2553,2554,2555,2556,2557,2558,2559,2560,2561,2562
Seq#:391; N Pos. 2563,2564,2565,2566,2567,2568
Seq#:463; N Pos. 29,38,39,47,55,59,66,67,68,69,75,77,79,82,84,85,99,101,104
Seq#:463; N Pos. 115,117,2055,2232
Seq#:579; N Pos. 2790,2861,2890,3009,3018,3841,3878
Seq#:766; N Pos. 2005
Seq#:803; N Pos. 29,1350,3361,3365
Seq#:979; N Pos. 698,717,731
Seq#:980; Xaa Pos. 10
Seq#:990; N Pos. 5325,5326,5327,5328,5329,5330,5331,5332,5333,5334,5335
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Seq#:1025; N Pos. 2197,2198,2199,2200,2201,2202,2203,2204,2205,2206,2207
Seq#:1025; N Pos. 2208,2209,2210,2211,2212,2213,2214,2215,2216,2217,2218
Seq#:1025; N Pos. 2219,2220,2221,2222,2223,2224,2225,2226,2227,2228,2229
Seq#:1025; N Pos. 2230,2231,2232,2233,2234,2235,2236,2237,2238,2239,2240
Seq#:1025; N Pos. 2241,2242,2243,2244,2245,2246,2247,2248,2249,2250,2251

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Seq#:1025; N Pos. 2252,2253,2254,2255,2256,2257,2258,2259,2260,2261,2262
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Seq#:1025; N Pos. 2274,2275,2276,2277,2278,2279,2280,2281,2282,2283,2284
Seq#:1025; N Pos. 2285,2286,2287,2288,2289,2290,2291,2292,2293,2294,2295
Seq#:1025; N Pos. 2296,2297,2298,2299,2300,2301,2302,2303,2304,2305,2306
Seq#:1025; N Pos. 2307,2308,2309,2310,2311,2312,2313,2314,2315,2316,2317
Seq#:1025; N Pos. 2318,2319,2320,2321,2322,2323,2324,2325,2326,2327,2328

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Input Set : N:\jumbos\10529348.txt

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L:2242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:2950
L:3409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:7750
L:5839 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0
L:9453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83 after pos.:2200
M:341 Repeated in SeqNo=83
L:12648 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:0
M:341 Repeated in SeqNo=113
L:13055 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:119 after pos.:60
L:19843 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:184 after pos.:3800
L:32038 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:276 after pos.:105
L:44274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:374 after pos.:120
M:341 Repeated in SeqNo=374
L:45897 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:391 after pos.:2500
M:341 Repeated in SeqNo=391
L:53763 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:463 after pos.:0
M:341 Repeated in SeqNo=463
L:64815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:579 after pos.:2750
M:341 Repeated in SeqNo=579
L:85077 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:766 after pos.:2000
L:88192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:803 after pos.:0
M:341 Repeated in SeqNo=803
L:108936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:979 after pos.:650
M:341 Repeated in SeqNo=979
L:108958 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:980 after pos.:0
L:111414 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:990 after pos.:5300
M:341 Repeated in SeqNo=990
L:114220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1014 after pos.:4050
M:341 Repeated in SeqNo=1014
L:115704 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1025 after pos.:2100
M:341 Repeated in SeqNo=1025
L:115999 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1029 after pos.:2100
L:119095 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1058 after pos.:3800
L:120232 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1071 after pos.:1700
M:341 Repeated in SeqNo=1071
L:120281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1072 after pos.:105
L:122039 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1090 after pos.:3350
M:341 Repeated in SeqNo=1090
L:123612 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1102 after pos.:3050
M:341 Repeated in SeqNo=1102
L:124568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1109 after pos.:2200
M:341 Repeated in SeqNo=1109
L:125817 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1122 after pos.:1695
L:126099 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1123 after pos.:5200
M:341 Repeated in SeqNo=1123
L:126390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1125 after pos.:1300
M:341 Repeated in SeqNo=1125
L:127048 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1131 after pos.:100
M:341 Repeated in SeqNo=1131

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/529,348

DATE: 02/24/2006

TIME: 12:42:32

Input Set : N:\jumbos\10529348.txt

Output Set: N:\CRF4\02242006\J529348.raw

L:142636 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1287 after pos.:1500
L:151161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1372 after pos.:0